

Abstract

5 A hardware Java™ accelerator is provided to implement portions of the Java™ virtual machine in hardware in order to accelerate the operation of the system on Java™ bytecodes. The Java™ hardware accelerator preferably includes Java™ bytecode translation into native CPU instructions. The combination of the Java™ hardware accelerator and a CPU provides a embedded solution which results in an inexpensive system to run Java™ programs for use in commercial appliances.